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ARM 36.22.307, 601, 605, 1003, 1004, 1011, 1013, 1103, 1222, 1240, 1301, 1306, 1309, and 1417

### MONTANA BOARD OF OIL AND GAS CONSERVATION 2535 ST. JOHNS AVENUE BILLINGS, MONTANA 59102

MAR 2 9 2023

S	SUNDRY NOTICES	AND REPO	ORT OF WELLS MONTANA BOARD OF OIL & GAS CONSERVATION • BILLING
Operator Denbury Onshore, I	_LC		Lease Name: Unit
Address 5851 Legacy Circle,	Suite 1200		Type (Private/State/Federal/Tribal/Allotted):
City <b>Plano</b> State	TX Zip Code 750	24	Federal
Telephone 972-673-0000			Well Number: 812
Location of well (1/4-1/4 section an NW-SW Sec. 8, T9S - R54E 19	d footage measurements):		Unit Agreement Name:  BCCMU  Field Name or Wildcat:  Bell Creek
API Number:	Well Type (oil, gas, inje	ction other):	Township, Range, and Section:  T9S-R54E, Sec. 8
25   075   21521 State County Well	Oil	ction, other).	County: Powder River
Indicate below with an X the nature	of this notice, report, or ot	ner data:	
necessary. Indicate the intended startin	cal Integrity Test  Chemically Treat  Chemically	Subseque Subseque Subseque Subseque Subseque Subseque Subseque Configuration dia sor the completio	agrams, analyses, or other information as
Approved	oses only	this applicat	i Johnson - Regulatory Compliance Specialist
Name	APR 1 9 2023	Telephone:	Print Name and Title 972-673-2552



### **FLUID DESCRIPTION**

RECEIVED

Fluid 1: 20# XLink Fluid 2: 20# Linear

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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

EXTRA TON TWO STATE OF STREET	THE PERSON	LOADING PERMOPO GALLONS								Semilia	
MATERIAL'S	UOM	Floid 1		Fluid 3		Fluid 5	Fluxd 6	Fluid 7	Fluid B	Fluid 9	<u>Totals</u>
WG-1SLR, Sturried Guar Get	icg	5.00	5 00								435
BIO-2L Liquid Brocide (THPS)	gal	0.30	0.30	-							27
Surf Plus (Surfactant/N.E./Remediation)	gal	2.00	2 00								174
XLB-1 Self Buffered Borate Crosslinker	gal	1.50									122
B-1, Oxidizer Breaker (AP)	lb	2 00	2 00								174
B-4LE, High pH/Low Temp <140°F Enzyme Breaker	gal	0.15	0.15								14
KCL-2Sub, KCI Substitute (anionic tolerant)	gal	2 00	2 00								174
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## Stage 1

#### Pump Schedule

Ferforations:

Maximum Pressure (psi): Est Treating Pressure (psi):

5.000 4.500

Tite III	Descendent	Stage	Fluid Type	Proppart Type or	Stantality	HEXALES!	THE PERSON NAMED IN	DECEMBER WHITE	STATE OF THE OWNER, THE	of Street Persons and	BOOK STORY STORY
No	LLeGal	Galons	ar Comment	Stage Description	Preppunt	(bpm)	Clean Bbls	Slurry Rate (bpm)	Blarry Bbis	Stage Time	per minute
1		3.500	2014 ไม้กิดอา	Pre-Pad	- =	10.0	B3	10.0	B3	8.33	
2		25,000	200 XIInk	Pad		25.0	595	25.0	595	23.81	
3	1,00	6.000	20# Xlink	SLF, 2040 White	6.000	23.9	143	25.0	149	5.97	1,034
Δ	2 00	9.000	20# Xlink	SLF. 2040 White	18,000	22.9	214	25.0	234	9.35	1.324
5	3.00	11,000	20# Xlink	SLF, 2040 White	33,000	22.0	262	25.0	298	11.91	2.771
Б	4,00	13.000	204 Xlink	SLF, 20/40 White	52,000	21.2	310	25.0	366	14.64	3,552
7	5.00	12,200	200 XIII R	SLF, 20/40 White	61.000	20.5	290	25.0	357	14,27	4,275
8	6.00	5.000	20# Xlink	SLF, 2040 V/nite	30,000	19.7	119	25.0	152	6.06	4,947
9		2,293	20¢ Linear	Flush Est		25.0	55	25.0	55	2.18	



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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

	PRODUCT DESCRIPTION
	WG-1SLR, Slurried Guar Gel
Q5451 General Information	WG-1SLR, Slurried Guar Gel is a preslurried form of a high-yield guar gum for preparing fracturing fluids. It provides exceptionally fast, "fisheye"-free hydration even in cold water.
Uses & Applications Density in Sp.Gr.	WG-1SLR, Slurried Guar Gel can be used wherever conventional guar is used. The slurry is 4 pounds of guar per gallon of slurry. The rapid hydration allows "on the fly" mixing with fairly low-volume hydration tank in line to the blender.  1.019
Specs	Tan/yellowish slurry liquid-Water soluble
OE204	BIO-2L, Liquid Biocide (THPS)
O5281 General Information	BIO-2L, Liquid is a liquid biocide based on Tetrakis (Hydroxymethal) Phosphonium Sulfate) (THPS), for use in oiffield water applications such as fracturing fluids. Used as directed, it is a highly effective and economical in controlling most sulfate -reducing and acid-producing bacteria as well as algae and fungi. Biocide, Liquid penetrates biofilms and works synergistically with chlorine- and bromine- based blocides.
Applications	BIO-2L, Liquid is best added to frac or flush water as water is transferred. Loadings as low as 1 gpt have been shown to be effective in relatively clean water. Dosages as high as 1 gpt may be required in badly contaminated waters.
Density in Sp.Gr. Specs	0.95 Clear colorless liquid-Water soluble
Optics .	Surf Plus (Surfactant/N.E./Remediation)
	Surf Plus is a nonionic biodegradable stable complex nanofluid (CnF)—a mixture of solvent, co-solvent and surfactants for use as a stimulation additive and especially in CO2 water floods and CO2 assisted fracturing.
Applications	Surf Plus is typically loaded at .5 to 2 gpt in acid or frac fluid.
Density in Sp.Gr. Specs	0.935 Light yellow liquid-Water soluble
	XLB-1, Self Buffered Borate Crosslinker
Q5500 General Information	XLB-1 is a self buffering, highly concentrated borate crosslinker for fracturing fluids. It requires no pH control additive.
Uses & Applications	Normal loadings for XLB-1 range from .6 to 1.4 gpt when used in 30 to 35 ppt guar based gel. Higher loadings may be needed in cold weather or with "on the fly" liquid gelling agents where incomplete hydration of the guar may be occurring. It can be broken with oxidizing breakers or high pH enzyme breakers.
Density in Sp.Gr. Specs	1.303 Clear colorless liquid-Water soluble
ARTHUR STREET	B-1, Oxidizer Breaker (AP)
Q5475 General Information	8-1, APS is an oxidative breaker for fracturing fluids at low to moderate temperatures.
Applications	B-1, APS is typically used in fracturing treatments at loadings of .2 to 2 ppt of fluid. Fluid lemperatures most appropriate for Ammonium persulfate are from around 80° F to 190° F.
	1.98 White granules-Water soluble
	B-4LE, High pH/Low Temp. <140°F Enzyme Breaker
Q5478 General Information	B-4LE is a liquid enzyme breaker designed specifically for borate crosslinked fluid with pH of up to 10.
Applications	B-4LE is typically loaded at .2 to 2 gpt. B-4LE has a shelf life of 90 days.
	1.12 Light brown liquid-Water soluble



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	PRODUCT DESCRIPTION
	KCL-2Sub, KCI Substitute (anionic tolerant)
Q5301 General Information	KCL-2Sub is a slightly cationic highly concentrated liquid potassium chloride substitute for oilfield use. Unlike many other KCI substitutes, KCL Substitute is very low in toxicity and contains no surfactants. KCL-2Sub is a 70% Choline Chloride base clay protection product. KCL-2Sub can be used with an Anionic Friction Reducer with little to no effect on the efficiency of the anionic friction reducer.
Uses & Applications Density in Sp.Gr. Specs	KCL-2Sub can be used in any application where the stabilization of formation clays are required. KCL Substitute typical loadings of .5 to 1 gpt will give the base fluid the equivalent clay stabilization of 2% dry potassium chloride in most formations.  1.13 Clear liquid-Water soluble
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Uses & Applications Density in Sp.Gr. Specs	
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Uses & Applications Density in Sp.Gr. Specs	





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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

# 3/22/23 CAS INFORMATION: Denbury Bell Creek Muddy

Additive	Max Loading/1000 Gal	Specific Gravity	Additive Quantity	Mass (lbs)
Water (Customer Supplied)	1,000.00	1.00	86,993	725,957
WG-ISLR, GUAR SLURRY	5,00	1.04	435	3,783
BIO-2L, BIOCIDE	0.30	00,1	27	225
SURF PLUS, CNF	2.00	0.94	174	878
KCI-2SUB, KCI SUBSTITUTE	2.00	1.08	174	878
B-I, BREAKER	2,00	2,55	174	174
B-4LE, ENZYME BREAKER	0,15	1.03	14	120.3
XLB-1, CROSSLINKER	1.50	1.35	122	1,374
NORTHERN WHITE SAND	6,000.00	2.65	200,000	200,000

Total Slurry Mass (Lbs)

933,389

Name	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Total Component Mass in HF Fluid (lbs)	Maximum Ingredient Concentration in HF Fluid (% by mass)**					
Water (Customer Supplied)	Water	7732-18-5	100.00%	725,957	77.77641%					
NORTHERN WHITE SAND	Silica Quartz	14808-60-7	100.00%	200,000	21.42729%					
WG-ISLR, GUAR SLURRY	Solvent Naptha (pet.) heavy aliphatic	64742-47-8	60.00%	2,270	0.24315%					
N O TOZIN, GOTIN DZOIQI	Guar Gum	9000-30-0	50,00%	1,891	0.20262%					
	Dipentene; Limonene	138-86-3	30.00%	263.4	0.02822%					
SURF PLUS, CNF	Ethoxylated Alcohol	68439-46-3	30.00%	263.4	0.02822%					
	Nonyl Phenol Ethoxylated	127087-87-0	30.00%	263.4	0.02822%					
	Isopropanol	67-63-0	15.00%	131.7	0.01411%					
KC1-2SUB, KCI SUBSTITUTE	Choline Chloride	67-48-1	70.00%	614.6	0.06585%					
NOT 200D, ROTBODETTI OTE	Water	7732-18-5	30.00%	263.4	0.02822%					
	Water	7732-18-5	60.00%	824.7	0.08835%					
XLB-I, CROSSLINKER	Potassium Hydroxide	1310-58-3	30,00%	412.3	0.04418%					
	Boric Acid	10043-35-3	30.00%	412.3	0.04418%					
B-I, BREAKER	Ammonium persulfate	7727-54-0	100.00%	174.0	0.01864%					
	Water	7732-18-5	90.00%	108.3	0.01160%					
B-4LE, ENZYME BREAKER	Sodium Chloride	7647-14-5	15.00%	18.1	0.00193%					
	Mannanase Enzymes	37288-54-3	2.00%	2,4	0.00026%					
BIO-2L, BIOCIDE	Tetrakis(hydroxymethyl) Phosphonium Sulfate	55566-30-8	20.00%	45.1	0.00483%					
DIO ED, DIOCIDE	Water	7732-18-5	80.00%	180.3	0.01931%					

100.00%